

PDR RID Report

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Document

RID ID PDR 183
Review CSMS
Originator Ref
Priority 1

Section	Page	Figure Table
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Category Name Design-MSS **Actionee** HAIS
Sub Category Monitoring of distributed applications
Subject Event/fault monitoring and reporting for distributed applications

Description of Problem or Suggestion:

Greater attention needs to be paid to the way in which applications (both system and users) can use the MSS event monitoring system. Applications will be increasingly more distributed and even now user services that are remote (security, naming...) Guidelines for how applications report events and/or do internal recovery need to be developed. Further evaluation needs to be done to ensure that the chosen COTS products can do the necessary job.

As a specific example, it should be possible to monitor faults that occur in client's end of applications. This is necessary to diagnosis problems in using ECS Services.

Originator's Recommendation

GSFC Response by:	GSFC Response Date
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HAIS Response by: Forman	HAIS Schedule 2/10/95
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HAIS R. E. Forman	HAIS Response Date 2/10/95
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MSS provides APIs (documented in DID 313, CSMS Internal Interface Control Document for the ECS Project) which ECS applications report events to MSS via the Management Agent Services. The Management Agents are resident on each ECS host, and are therefore co-resident with ECS applications. These APIs may be used by both clients and servers on ECS hosts to report event. Using these mechanisms, faults that occur at the client's end of applications are detectable. Guidelines for ECS applications to report event will be included with the Program Development Guide (See also RID#143 response).

Status Closed	Date Closed 3/2/95	Sponsor Broder
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***** Attachment if any *****